

and vote of the United States in the international financial institutions (as defined in section 1701(c) of the International Financial Institutions Act (22 U.S.C. 262r(c))) to suspend all actions by those institutions related to loans or debt relief to Sudan until the Secretary of State submits the certification described in subsection (b)(2).

(e) **APPROPRIATE COMMITTEES OF CONGRESS DEFINED.**—In this section, the term “appropriate committees of Congress” means—

(1) the Committee on Armed Services, the Committee on Foreign Relations, and the Select Committee on Intelligence of the Senate; and

(2) the Committee on Armed Services, the Committee on Foreign Affairs, and the Permanent Select Committee on Intelligence of the House of Representative.

**SA 4245.** Mr. CRAPO (for himself and Mr. RISCH) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle D of title I, add the following:

**SEC. 150. REPORT TO CONGRESS ON AIR FORCE CAPABILITIES ASSOCIATED WITH OPERATING IN A GPS-DEGRADED ENVIRONMENT.**

(a) **REPORT REQUIRED.**—Not later than March 31, 2022, the Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics, in coordination with the Air Combat Command, shall submit to the congressional defense committees a report on—

(1) the procurement of Global Positioning System (GPS) jamming technologies that are training enablers for Air Force pilots to operate in a GPS-degraded environment; and

(2) the status of near-peer competitor efforts in the area of active denial of GPS capabilities.

(b) **ELEMENTS.**—The report required by subsection (a) shall include the following:

(1) An explanation of how narrow-beam directional GPS jamming technology is a training enabler to pilots operating in GPS-degraded environments.

(2) The level of investment made by the Air Force in the area of GPS jamming technology for training in GPS-degraded environments.

(3) A five-year plan, executable under the Program Objective Memorandum of the Air Force for fiscal year 2022, that will significantly advance the capabilities of the Air Force to train pilots in GPS-degraded environments.

(4) Recommendations for additional research and development of GPS jamming technologies that will enable development of Air Force capabilities and training in GPS-degraded environments, including systems that—

(A) can incorporate GPS jamming technology components that the Air Force has already invested in;

(B) leverage commercial-off-the-shelf technology to the fullest extent possible;

(C) use multiple sensors with a command and control that fuses tracks;

(D) possess automatic tracking capabilities that enable the targeting of individual aircraft with a steerable GPS jamming beam;

(E) possess airspace deconfliction capabilities organic to the command and control to

ensure the safety of civilian or other military aircraft; and

(F) are highly mobile and capable of being rapidly deployed to remote operational environment areas with minimal organic support.

(5) A presentation of current systems, research, development, test, and evaluation of systems, procurement of systems, and other activities or technologies of near-peer competitors, including the People's Republic of China and the Russian Federation, that are being carried out to provide the capability to actively deny GPS-related technologies.

(c) **FORM.**—The report required by subsection (a) shall be submitted in unclassified form.

**SA 4246.** Mr. COTTON submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle E of title XII, add the following:

**SEC. 1253. EXPORT CONTROL MEASURES RELATING TO SEMICONDUCTOR MANUFACTURING INTERNATIONAL CORPORATION AND HUAWEI TECHNOLOGIES CO., LTD.**

(a) **REMOVAL FROM ENTITY LIST.**—The President may not remove SMIC from the Entity List unless—

(1) the President certifies to the appropriate congressional committees that SMIC—

(A) has ceased the activities that were the basis for its addition to the Entity List consistent with the standards for removal of an entity from the Entity List established in the Export Administration Regulations;

(B) could not reasonably be expected to—

(i) resume activities that were the basis for its addition to the Entity List;

(ii) contribute directly or indirectly to the military or intelligence efforts of a country subject to a United States arms embargo; and

(iii) directly or indirectly develop technologies that may be used for violations of internationally recognized human rights, including the surveillance of individuals based on religious, ethnic, cultural, or political expressions or affiliations; and

(C) does not pose a threat to the national security or foreign policy interests of the United States or its allies; or

(2) the President removes SMIC from the Entity List in order to include SMIC on the Denied Persons List.

(b) **REVISION OF LICENSING REGULATIONS.**—Not later than 60 days after the date of the enactment of this Act, the Secretary of Commerce shall publish in the Federal Register a final rule revising the Export Administration Regulations to require that the following be subject to a presumption of denial:

(1) An application for a license or other authorization for the export, re-export, or in-country transfer to SMIC of items capable of supporting the development or production of semiconductors at technology nodes 16 nanometers or below.

(2) An application for a license or other authorization for exports, re-exports, or in-country transfers to Huawei Technologies Co., Ltd. or any of its successor entities or affiliates of items capable of supporting the

development or production of semiconductors.

(c) **REPORT REQUIRED.**—

(1) **IN GENERAL.**—Not later than 90 days after the date of the enactment of this Act, and annually thereafter, the Secretary of Commerce shall submit to the appropriate congressional committees a report on applications for licenses for the export, reexport, or in-country transfer of items to SMIC that were issued, denied, or returned without action during the year preceding submission of the report.

(2) **MATTERS TO BE INCLUDED.**—For each application for a license described in subparagraph (A), the report required by that subparagraph (A) shall include—

(A) an identification of the items to which the application is related;

(B) a description of the end-uses of the items;

(C) a description of the capabilities of the items;

(D) the quantity and value of the items;

(E) the identities of the entities seeking the license; and

(F) if the application was approved, a statement of how the approval of the license is consistent with the national security and foreign policy interests of the United States.

(d) **DEFINITIONS.**—In this section:

(1) **AFFILIATE.**—The term “affiliate”, with respect to an entity, means any other entity that owns or controls, is owned or controlled by, or is under common ownership or control with, the entity.

(2) **APPROPRIATE CONGRESSIONAL COMMITTEES.**—The term “appropriate congressional committees” means—

(A) the Committee on Banking, Housing, and Urban Affairs and the Select Committee on Intelligence of the Senate; and

(B) the Committee on Foreign Affairs of the House of Representatives and the Permanent Select Committee on Intelligence of the House of Representatives.

(3) **DENIED PERSONS LIST.**—The term “Denied Persons List” means the list maintained by the Bureau of Industry and Security of the Department of Commerce and pursuant to section 764.3(a)(2) of the Export Administration Regulations.

(4) **ENTITY LIST.**—The term “Entity List” means the list maintained by the Bureau of Industry and Security of the Department of Commerce and set forth in Supplement No. 4 to part 744 of the Export Administration Regulations.

(5) **EXPORT; EXPORT ADMINISTRATION REGULATIONS; IN-COUNTRY TRANSFER; ITEMS; REEXPORT.**—The terms “export”, “Export Administration Regulations”, “in-country transfer”, “items”, and “reexport” have the meanings given those terms in section 1742 of the Export Control Reform Act of 2018 (50 U.S.C. 4801).

(6) **SMIC.**—The term “SMIC” means the Semiconductor Manufacturing International Corporation and any of its successor entities or affiliates.

**SA 4247.** Mr. COTTON submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. \_\_\_\_\_. ESTABLISHMENT OF OFFICE OF INTELLIGENCE IN DEPARTMENT OF AGRICULTURE.**

**(a) ESTABLISHMENT.—**

(1) IN GENERAL.—Subtitle A of the Department of Agriculture Reorganization Act of 1994 (7 U.S.C. 6912 et seq.) is amended by adding at the end the following:

**“SEC. 224B. OFFICE OF INTELLIGENCE.**

“(a) ESTABLISHMENT.—There is established in the Department an Office of Intelligence. The Office shall be under the National Intelligence Program.

**“(b) DIRECTOR.—**

“(1) IN GENERAL.—The Office shall be headed by the Director of the Office of Intelligence, who shall be an employee in the Senior Executive Service and who shall be appointed by the Secretary. The Director shall report directly to the Secretary.

“(2) QUALIFICATIONS.—The Secretary shall select an individual to serve as the Director from among individuals who have significant experience serving in the intelligence community.

“(3) STAFF.—The Director may appoint and fix the compensation of such staff as the Director considers appropriate, except that the Director may not appoint more than 5 full-time equivalent positions at an annual rate of pay equal to or greater than the maximum rate of basic pay for GS-15 of the General Schedule.

“(4) DETAIL OF PERSONNEL OF INTELLIGENCE COMMUNITY.—Upon the request of the Director, the head of an element of the intelligence community may detail any of the personnel of such element to assist the Office in carrying out its duties. Any personnel detailed to assist the Office shall not be taken into account in determining the number of full-time equivalent positions of the Office under paragraph (3).

“(c) DUTIES.—The Office shall carry out the following duties:

“(1) The Office shall be responsible for leveraging the capabilities of the intelligence community and National Laboratories intelligence-related research, to ensure that the Secretary is fully informed of threats by foreign actors to United States agriculture.

“(2) The Office shall focus on understanding foreign efforts to—

“(A) steal United States agriculture knowledge and technology; and

“(B) develop or implement biological warfare attacks, cyber or clandestine operations, or other means of sabotaging and disrupting United States agriculture.

“(3) The Office shall prepare, conduct, and facilitate intelligence briefings for the Secretary and appropriate officials of the Department.

“(4) The Office shall operate as the liaison between the Secretary and the intelligence community, with the authority to request intelligence collection and analysis on matters related to United States agriculture.

“(5) The Office shall collaborate with the intelligence community to downgrade intelligence assessments for broader dissemination within the Department.

“(6) The Office shall facilitate sharing information on foreign activities related to agriculture, as acquired by the Department with the intelligence community.

“(d) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated for the Office \$970,000 for fiscal year 2022.

“(e) DEFINITIONS.—In this section, the following definitions apply:

“(1) The term ‘Director’ means the Director of the Office of Intelligence appointed under subsection (b).

“(2) The terms ‘intelligence community’ and ‘National Intelligence Program’ have the meaning given such terms in section 3 of the National Security Act of 1947 (50 U.S.C. 3003).

“(3) The term ‘Office’ means the Office of Intelligence of the Department established under subsection (a).”

**(2) CONFORMING AMENDMENTS.—**

(A) Subtitle A of the Department of Agriculture Reorganization Act of 1994 is amended by redesignating the first section 225 (relating to Food Access Liaison) (7 U.S.C. 6925) as section 224A.

(B) Section 296(b) of the Department of Agriculture Reorganization Act of 1994 (7 U.S.C. 7014(b)) is amended by adding at the end the following:

“(11) The authority of the Secretary to carry out section 224B.”

**(b) CONFORMING AMENDMENTS RELATING TO EXISTING FUNCTIONS AND AUTHORITIES.—**

(1) EXISTING FUNCTIONS OF OFFICE OF HOMELAND SECURITY OF DEPARTMENT RELATING TO INTELLIGENCE ON THREATS TO FOOD AND AGRICULTURE CRITICAL INFRASTRUCTURE SECTOR.—

(A) IN GENERAL.—Section 221(d) of the Department of Agriculture Reorganization Act (7 U.S.C. 6922(d)) is amended—

(i) by striking paragraphs (4) and (5); and

(ii) by redesignating paragraphs (6) through (8) as paragraphs (4) through (6), respectively.

(B) TRANSFER OF RELATED PERSONNEL AND ASSETS OF OFFICE OF HOMELAND SECURITY.—The functions which the Office of Homeland Security of the Department of Agriculture exercised under paragraphs (4) and (5) of section 221(d) of the Department of Agriculture Reorganization Act of 1994 (7 U.S.C. 6922(d)) before the effective date of this paragraph, together with the funds, assets, and other resources used by the Director of the Office of Homeland Security of the Department of Agriculture to carry out such functions before the effective date of this paragraph, are transferred to the Director of the Office of Intelligence of the Department of Agriculture.

(2) CARRYING OUT INTERAGENCY EXCHANGE PROGRAM FOR DEFENSE OF FOOD AND AGRICULTURE CRITICAL INFRASTRUCTURE SECTOR.—Section 221(e) of the Department of Agriculture Reorganization Act (7 U.S.C. 6922(e)) is amended by adding at the end the following new paragraph:

“(3) AUTHORITY OF DIRECTOR OF OFFICE OF INTELLIGENCE AND COUNTERINTELLIGENCE.—The Secretary shall carry out this subsection acting through the Director of the Office of Intelligence of the Department.”

(3) COORDINATING WITH INTELLIGENCE COMMUNITY ON POTENTIAL THREATS TO AGRICULTURE.—Section 335(a)(3) of the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (7 U.S.C. 335(a)(3)) is amended by striking “strengthen coordination” and inserting “acting through the Director of the Office of Intelligence in the Department of Agriculture, strengthen coordination”.

(4) EFFECTIVE DATE.—This subsection and the amendments made by this subsection shall take effect upon the appointment of the Director of the Office of Intelligence in the Department of Agriculture under section 224B(b) of the Department of Agriculture Reorganization Act of 1994 (as added by subsection (a)(1)).

**SA 4248.** Mr. CARDIN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal

year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. \_\_\_\_\_. REAUTHORIZATION OF SBIR AND STTR PROGRAMS.**

(a) SBIR.—Section 9(m) of the Small Business Act (15 U.S.C. 638(m)) is amended by striking “September 30, 2022” and inserting “September 30, 2027”.

(b) STTR.—Section 9(n)(1)(A) of the Small Business Act (15 U.S.C. 638(n)(1)(A)) is amended by striking “2022” and inserting “2027”.

(c) PILOT PROGRAM.—Section 9(gg)(7) of the Small Business Act (15 U.S.C. 638(gg)(7)) is amended by striking “2022” and inserting “2027”.

**SA 4249.** Ms. DUCKWORTH (for herself and Ms. ERNST) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle C of title XII, add the following:

**SEC. 1224. ASSESSMENT OF THE COUNTER-UNMANNED AERIAL SYSTEMS (UAS) CAPABILITY OF PARTNER FORCES IN IRAQ.**

(a) IN GENERAL.—Not later than March 1, 2022, the Secretary of Defense shall submit to the congressional defense committees an assessment of—

(1) the current state of counter-UAS capability of partner forces in Iraq, including in the Iraqi Kurdistan Region; and

(2) its implications for the security of United States and partner forces in the region against UAS attack.

(b) ELEMENTS.—The assessment required by subsection (a) shall include descriptions of—

(1) the current level of counter-UAS training and equipment available to partner forces in Iraq, including in the Iraqi Kurdistan Region;

(2) the type of additional training and equipment needed to maximize the level of counter-UAS capability of partner forces in Iraq, including in the Iraqi Kurdistan Region;

(3) the availability of additional training and equipment required to maximize partner forces’ counter-UAS capability;

(4) an assessment of the current and anticipated threat from UAS systems to Iraqi and coalition security forces to determine the appropriate level of requirements for counter-UAS systems and training; and

(5) any other matters the Secretary of Defense determines appropriate.

**SA 4250.** Mr. WHITEHOUSE (for himself and Mr. TOOMEY) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal